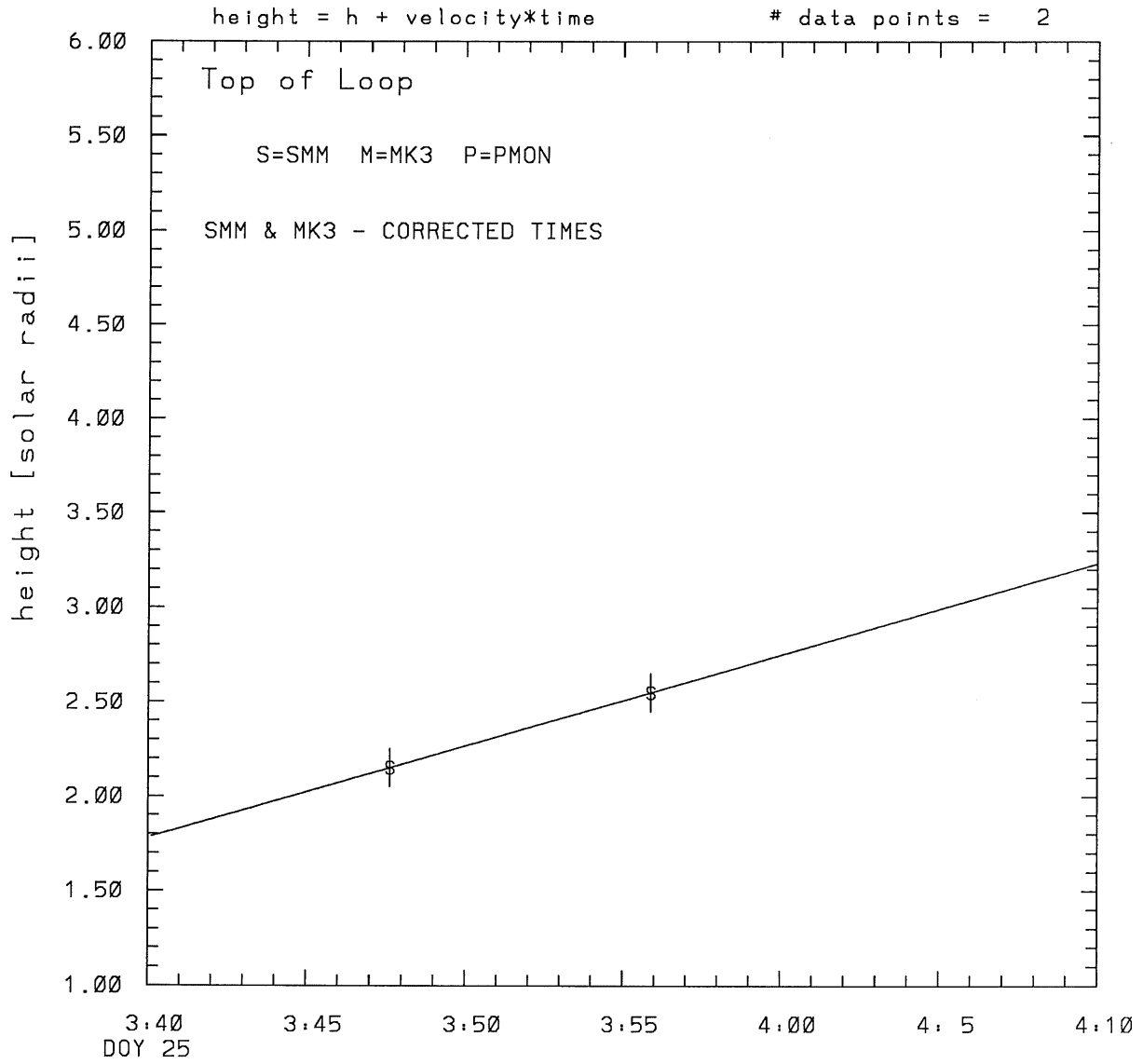
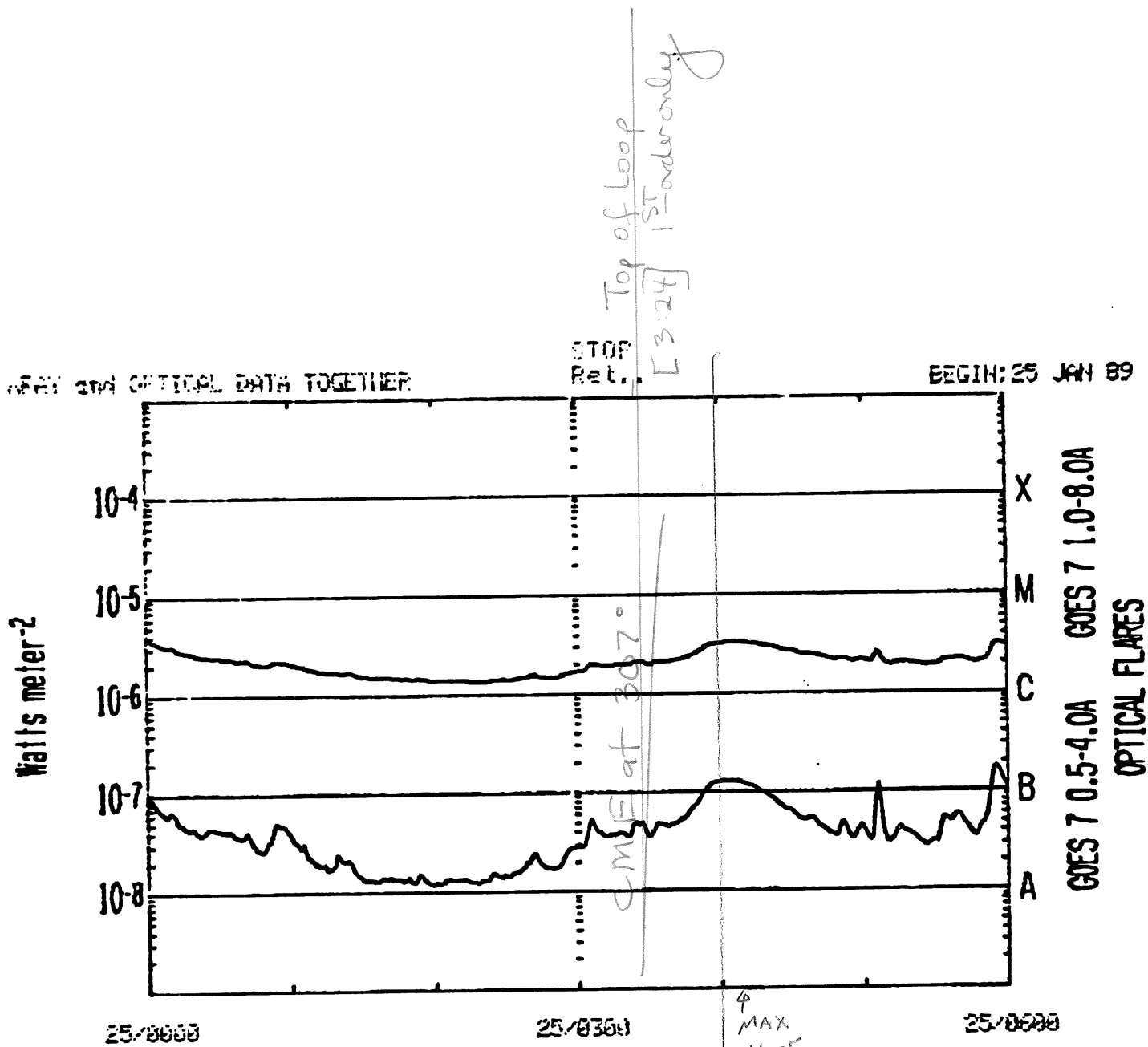


SMM C/P 1989 DOY 25 310 +/- 0 degrees



tstart=DOY 25 3:24 +/- 0.0 [min.]
radial velocity= 561. +/- 0. [km/sec]

1989 Day 25



GOES-7 1 MIN DATA; OPTICAL FLARE DUR, IMP, REGION

SAA's NIGHT
RUN: 2023UT
1 FEB 89

This is a 1 order run

INPUT:

year	day	time	radii	error in radius	angle	error in angle	datatype
1989	25	3:47:38	2.15	+/- 0.10	310.0	+/- 0.5	SMM
1989	25	3:55:54	2.55	+/- 0.10	310.0	+/- 0.5	SMM

Structure being measured:
Top of Loop

OUTPUT:

START TIME:

Event began at t = 0 + -0.161E+02 +/- 0.000E+00 [minutes]
In more convenient units:
Event began at DOY 25 3:24 +/- 0.000E+00 [minutes]

Origin defined at DOY 25 3:40

RADIAL INFORMATION:

RADIAL VELOCITY = 561. +/- 0. km/sec

The computed RADIAL coefficients and errors FROM NLLST2 are:

c(1) = 0.178E+01 +/- 0.254E-05 [solar radii]
c(2) = 0.484E-01 +/- 0.204E-06 [radii/min]
c(2) = 0.561E+03 +/- 0.237E-02 [km/sec]
c(3) = 0.000E+00 +/- 0.000E+00 [radii/min**2]
c(3) = 0.000E+00 +/- 0.000E+00 [km/sec**2]

ANGULAR INFORMATION:

ANGULAR VELOCITY = 0.0000E+00 +/- 0.0000E+00 [radians/sec]

The computed ANGULAR coefficients and errors FROM NLLST2 are:

a(1) = 310. +/- 0. [degrees]
a(2) = 0.000E+00 +/- 0.000E+00 [degrees/min]
a(2) = 0.000E+00 +/- 0.000E+00 [rad/sec]
a(3) = 0.000E+00 +/- 0.000E+00 [degrees/min**2]
a(3) = 0.000E+00 +/- 0.000E+00 [rad/sec**2]

THE TANGENTIAL AND TOTAL VELOCITIES AT EACH DATA POINT ARE:

The TANGENTIAL velocity at 3:47 = 0. km/sec

The TOTAL velocity at 3:47 = 561. km/sec

The TANGENTIAL velocity at 3:55 = 0. km/sec

The TOTAL velocity at 3:55 = 561. km/sec

The following info is for estimating goodness of the fit

Number data points = number of coefficients. No error analysis is possible.

Correlation coefficient is not computable!